

Title (en)
Water treatment apparatus

Title (de)
Wasserbehandlungsvorrichtung

Title (fr)
Appareil de traitement des eaux

Publication
EP 2168921 A1 20100331 (EN)

Application
EP 09171861 A 20090930

Priority
• JP 2008255809 A 20080930
• JP 2009069893 A 20090323

Abstract (en)
A water softening module (200) has a case body (216) which includes cover members secured to their respective ends (212,214) of a cylindrical case (210). A pair of electrodes (220,222) are provided in the case body (216). A fibrous medium (230) is located in contact with a water-outlet-side face of the electrode (220). The fibrous medium (230) has a stacked structure constituted of a first fiber layer (232) and a second fiber layer (234), which are electrically conductive. The first fiber layer (232) is positioned in contact with the upstream side of the second fiber layer (234), and the first fiber layer (232) is positioned in contact with the downstream-side face of the electrode (220). The specific surface area of the first layer (232) is smaller than that of the second fiber layer (234).

IPC 8 full level
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C02F 1/4602 (2013.01 - EP US); **C02F 1/46109** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **C02F 1/283** (2013.01 - EP US); **C02F 2001/46119** (2013.01 - EP US); **C02F 2001/46161** (2013.01 - EP US); **C02F 2201/4613** (2013.01 - EP US); **C02F 2303/16** (2013.01 - EP US)

Citation (applicant)
• JP 2008255809 A 20081023 - ORION MACHINERY CO LTD
• JP 2009069893 A 20090402 - FUJI XEROX CO LTD

Citation (search report)
• [X] US 2006076297 A1 20060413 - AKAHORI MASAJI [JP], et al
• [XPI] EP 1995220 A1 20081126 - SANYO ELECTRIC CO [JP]
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• [A] EP 1661863 A1 20060531 - GRUENBECK JOSEF WASSERAUF [DE]

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CN108911286A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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